

ABSTRACT OF THE DISCLOSURE

5 In a packet communication system 1, 31 (51, 81) comprised of nodes and links, a destination node 3 (53) as a destination of a packet transmitted from  
10 correspondent node 2 (52) is provided with an advertisement receiving device 3e (53e) for receiving an advertisement of path information about a path from the correspondent node 2 (52) to the destination node 3 (53); a Path MTU discovery execution determining device 3f (53g) for determining whether a discovery of a Path MTU of the path from correspondent node 2 (52) to destination node 3 (53) should be executed, based on the path information; a Path MTU setting device 3g (53f) for setting the Path MTU on the basis of the path  
15 information; and a Path MTU announcing device 3h (53h) for announcing the Path MTU set by the Path MTU setting device 3g (53f).